ASU Workshop on the Clean Power Plan

FEBRUARY 24, 2015
SouthWestern Power Group

- Independent developer of utility-scale generation and transmission in the Desert Southwest
- Project Manager/Developer of SunZia
- Staff of 10, based in Phoenix, in business for 15 years
- Major References:
  - 2,400 MW CCGT Panda Gila River power plant (in operation)
  - 1,000 MW CCGT Bowie Power Station (permitted)
  - 600 MW Lignite CFB Rockdale Power Plant (in operation)
  - 200 MW (DC) Solar PV power project (in operation)
- Wholly-owned by MMR Group in Baton Rouge, LA
DESER T SOUTHWEST UTILITIES’ 2013 ENERGY MIX (MWH)


- **Arizona Electric Power Cooperative**: Coal, 97.5%; Gas, 1.5%
- **Arizona Public Service Company**: Coal, 33%; Nuclear, 27%; Gas, 35%; Renewables, 5%; Other, 3%
- **Salt River Project**: Coal, 53%; Nuclear, 18%; Gas, 14%; Renewables, 12%; PPA, 3%
- **Public Service Company of New Mexico**: Coal, 56.0%; Nuclear, 30.0%; Gas, 9.0%; Renewables, 5.0%
- **El Paso Electric**: Coal, 6.0%; Nuclear, 46.0%; Gas, 34.0%
- **Tucson Electric Power**: Coal, 80%; Nuclear, 14%; Gas, 14%; Renewables, 3%; Other, 3%
SunZia Transmission Project

- 515 mile, 500kV AC independent transmission project
- Two separate lines rated at 3,000 MW of transfer capacity
- Brings high-quality renewable energy to AZ, NM and CA markets
- Improves reliability of existing grid
- 5 project sponsors, including 3 electric utilities
- Total capital cost estimated at $2 billion
- One of 7 RRTT pilot projects selected by the Administration
- LOI signed with First Wind for up to 1,500 MW of capacity
- Commercial operation expected ~2020
SunZia Project Sponsors

SouthWestern Power/ MMR Group

Shell Wind Energy

Salt River Project

Tucson Electric Power

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SUPPLEMENTAL SLIDES